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dd 9/9/05

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
1 September 2005 (01.09.2005)

PCT

(10) International Publication Number  
**WO 2005/080561 A1**

(51) International Patent Classification<sup>7</sup>: C12N 9/96, 9/20

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(21) International Application Number:

PCT/IB2005/000192

(22) International Filing Date: 27 January 2005 (27.01.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
2004/0685 28 January 2004 (28.01.2004) ZA

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, TZ, UG, ZM, ZW,

[Continued on next page]

(54) Title: STABILIZATION OF ENZYMES



## Lipase spheres obtained according to Example 2.

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(57) Abstract: A process for producing enzyme structures includes providing an emulsion of droplets of a first liquid phase dispersed in a second liquid phase. The one liquid phase is a hydrophilic phase, while the other liquid phase is a hydrophobic phase which is immiscible with the hydrophilic phase. Enzyme molecules are located at or within interfacial boundaries of the droplets and the second liquid phase. The enzyme molecules of the respective droplets are cross-linked so that individual enzyme structures, which are stable and in which the enzymes are immobilized with a majority of active sites of the enzymes being orientated either internally or externally, are formed from individual droplets.

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